

WaveRoller

The catalyst for a sustainable future

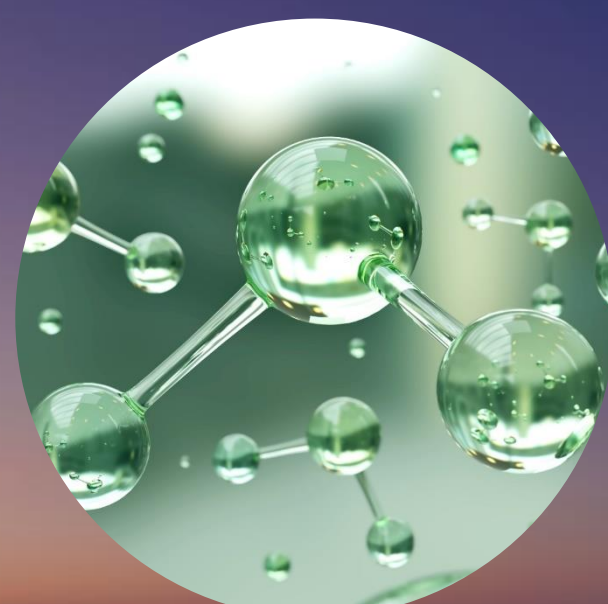
October 2021



WAVEROLLER®

by AW-Energy





Our Vision

Oceans will be the catalyst to power a sustainable future

Our Mission

With WaveRoller we will harness the power of the ocean to accelerate society towards carbon neutrality



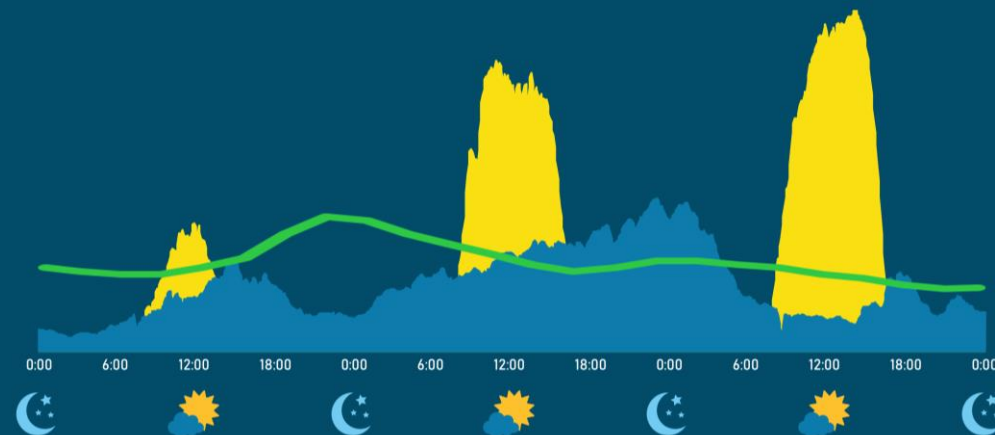
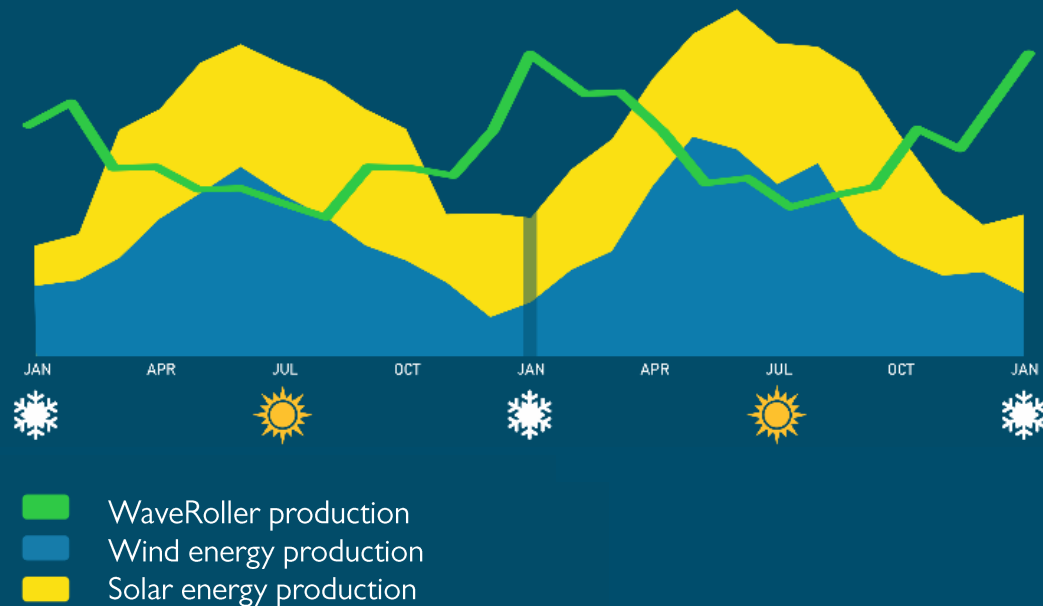
Global potential to advance the transition to renewables

Our technology harnesses a new renewable energy resource with +500 GW of potential generating capacity



Wave Energy:

TAM	EUR 300 bn
SAM	EUR 60 bn



The value of wave energy

- In many locations wave energy peaks during the months when production of solar and wind is at its lowest.
- On a daily basis, wave energy remains more stable, predictable and thus compliments the production mix.
- Oceans cover more than 70% of Earth's surface, making them the world's largest energy resource.



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See the live demo on YouTube:
<https://youtu.be/Aia4WNBPGNc>

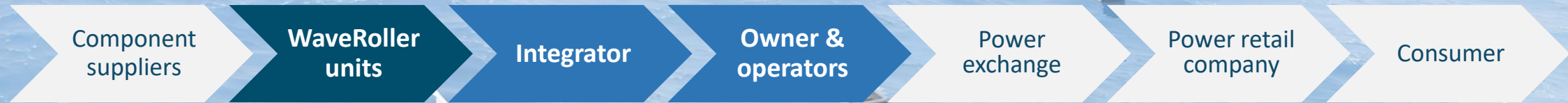
- The panel is forced back-and-forth by the strong wave surge force
- The power take-off converts and stores the energy captured by the panel
- The smart responsive control system optimises energy yield and meets grid code
- Structural integrity validated through certification and two year sea trial



Projects, partners and go-to-market strategy



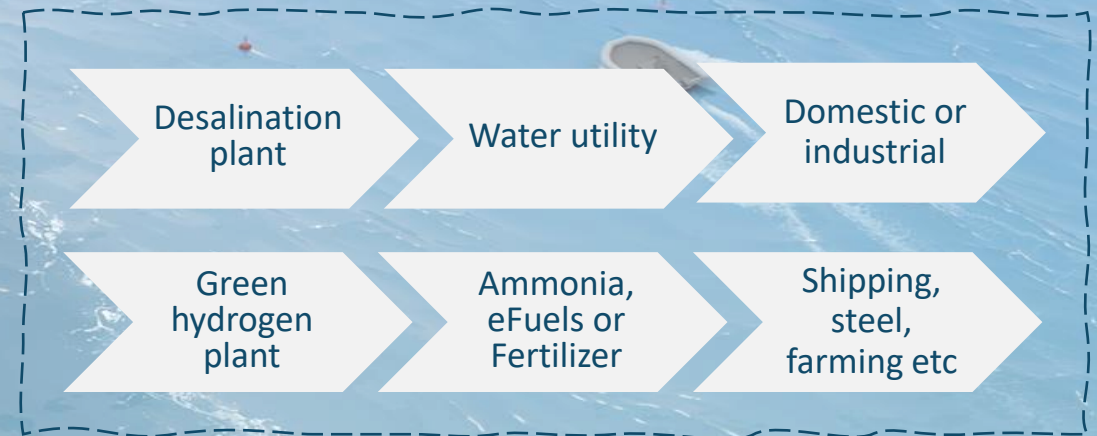
Revenue generation from hardware sales, licensing and services



Business model based on:

- Sale of WaveRoller Power-Take-Off unit
- Software control services
- Operation and maintenance services
- Licensing of WaveRoller technology (panel and foundation)

WaveRoller can also plug into several other value chains to enable lower-cost water and hydrogen



Supporting owner-operators to maximise the asset value

Committed core team experienced in commercializing new technology



Christopher Ridgewell
CEO

Marine Technology & Naval,
Architect
+28 years international
experience



Sami Pasanen
Lead Specialist -
Electromechanical

Electrical engineer
+14 years experience



Ville Kortelainen
Lead Specialist –
Mechanical

Mechanical engineer
+19 years international
experience



Matthew Pech
Head of Finance and
Control

Management Accountant
+18 years international
experience



Seeking EUR 15 mn to deliver our sales projects

Use of funds:

Adaptation for new value chains

- Demonstrate desalination and carbon free fuel production at AW-Energy test facility
- Incorporate elements into the array design and integrate systems

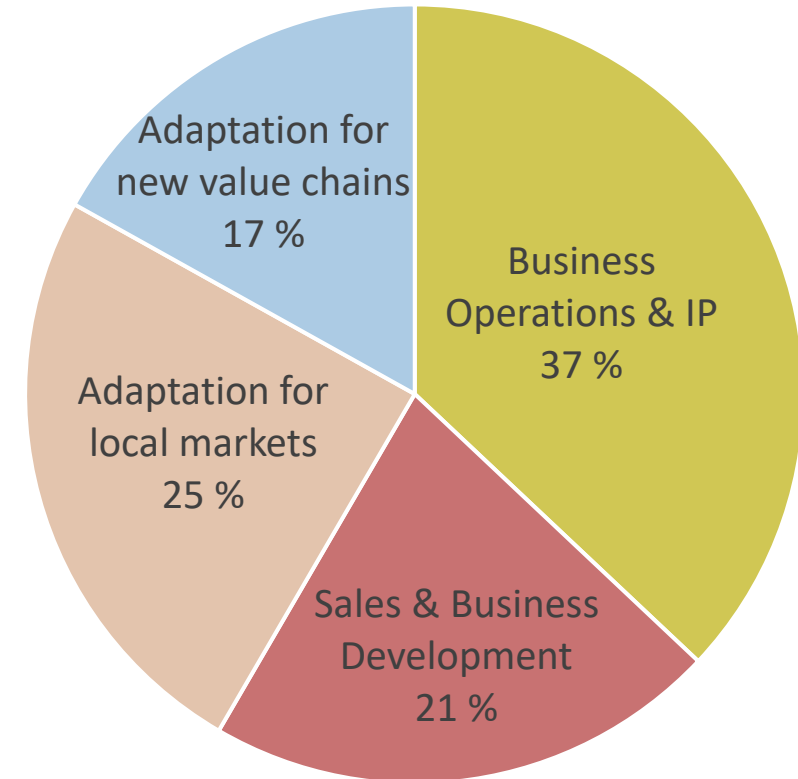
Adaptation for local markets

- Incorporate learnings from First-of-a-Kind deployment
- Complete manufacturing drawings and instructions for serial production

Sales & Business Development

- Hire Sales Director
- Establish local JVs & sales partnerships

Business Operations & Intellectual Property



Final steps to industrialise and bring WaveRoller arrays to the market



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**Harnessing the power of the ocean to accelerate society
towards carbon neutrality**

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